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DATE: July 11, 2005

PTO IDENTIFIER: Application Number 10/664,359-Conf. #5550
Patent Number

Inventor: Rosen et al.

MESSAGE TO: US Patent and Trademark Office

FAX NUMBER: (703) 872-9306

FROM: HUMAN GENOME SCIENCES, INC.

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Attorney Dkt. #: PS903

PAGES (Including Cover Sheet): 1

CONTENTS: Reply and Amendments Under 37 C.F.R. 1.111 (9 pages)
Fee Transmittal (1 page)
Certificate of Transmission (1 page)

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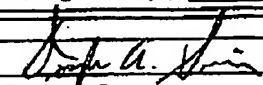
JUL 11 2005

PTO/SB-17 (12-04-v2)

Approved for use through 7/31/2008 OMB 0551-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (P.L. 109-171)		FEE TRANSMITTAL For FY 2005		Complete if Known	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.401.		Application Number 10/664,359-Conf. #5550		Filing Date September 20, 2003	
TOTAL AMOUNT OF PAYMENT (\$) 0.00		First Named Inventor Craig A. Rosen		Examiner Name H. A. Robinson	
		Art Unit 1853		Attorney Docket No. PS903	
METHOD OF PAYMENT (check all that apply)					
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order		<input type="checkbox"/> None <input type="checkbox"/> Other (please identify) _____			
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number 08-342		Deposit Account Name Human Genome Sciences, Inc.			
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)					
<input type="checkbox"/> Charge fee(s) indicated below		<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee			
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17		<input checked="" type="checkbox"/> Credit any overpayments			
FEE CALCULATION					
1. BASIC FILING, SEARCH, AND EXAMINATION FEES					
FILING FEES		SEARCH FEES		EXAMINATION FEES	
Application Type	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200
Design	200	100	100	50	130
Plant	200	100	300	150	160
Reissue	300	150	500	250	600
Provisional	200	100	0	0	0
2. EXCESS CLAIM FEES					
Fee Description					Small Entity Fee (\$)
Each claim over 20 (including Reissues)					50
Each independent claim over 3 (including Reissues)					200
Multiple dependent claims					360
Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
1	- 24 =	x		Fee (\$)	Fee Paid (\$)
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)		
1	- 4 =	x			
3. APPLICATION SIZE FEE					
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(d)(1)(G) and 37 CFR 1.16(s).					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)	
- 100 =	/ 50	(round up to a whole number) x			
4. OTHER FEE(S)					
Non-English Specification, \$130 fee (no small entity discount)					
Other (e.g., late filing surcharge): _____					
SUBMITTED BY		Registration No. (Attorney/Agent) 47.088			
Signature 		Telephone (301) 354-3932			
Name (Print/Type) Doyle A. Siever		Date July 11, 2005			

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of:
Rosen et al.

Docket No.: PS903

Application No.: 10/664,359

Confirmation No.: 5550

Filed: September 20, 2003

Art Unit: 1653

For: Polynucleotides Encoding Human Secreted
Proteins (Amended herein)

Examiner: H.A. Robinson

REPLY AND AMENDMENTS UNDER 37 C.F.R. § 1.111

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir or Madam:

In response to the Office Action mailed April 11, 2005 (Paper No. 040405), please enter the following amendments and consider the following reply. Applicants submit concurrently herewith a Fee Transmittal Sheet (in duplicate).

Amendments to the Specification begin on page 2

Amendments to the Claims begin on page 3.

Remarks begin on page 4.

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PTO/SB/97 (09-04)

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Application No. (if known): 10/664,359

Attorney Docket No. PS903

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on July 11, 2005
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